

Title (en)  
IMPROVED MOBILE ELECTRONIC PARTS

Title (de)  
VERBESSERTE MOBILE ELEKTRONISCHE TEILE

Title (fr)  
PIÈCE ÉLECTRONIQUE MOBILE AMÉLIORÉE

Publication  
**EP 3007896 A1 20160420 (EN)**

Application  
**EP 14728589 A 20140610**

Priority

- US 201361833736 P 20130611
- EP 13196777 A 20131212
- EP 2014061963 W 20140610
- EP 14728589 A 20140610

Abstract (en)  
[origin: WO2014198684A1] A mobile electronic part comprising : (i) a shaped metal part, at least part of the surface thereof being coated with at least one polymer layer (L), wherein the metal is selected from a group consisting of magnesium, aluminum and alloys of these metals, and wherein said polymer layer (L) comprises at least one polymer selected from an aromatic polyamide-imide polymer [(PAI) polymer, herein after] or a poly(ethersulfone) polymer [(PESU) polymer herein after], and (ii) a thermoplastic resin composition layer [layer (T), herein after] fixed to the at least one polymer layer (L) of said shaped metal part wherein said composition comprises at least one thermoplastic polymer [polymer (T), herein after].

IPC 8 full level  
**B32B 15/08** (2006.01); **B32B 15/088** (2006.01); **B32B 27/28** (2006.01); **B32B 27/34** (2006.01)

CPC (source: EP US)  
**B32B 15/08** (2013.01 - EP US); **B32B 15/082** (2013.01 - EP US); **B32B 15/085** (2013.01 - EP US); **B32B 15/088** (2013.01 - EP US); **B32B 15/09** (2013.01 - EP US); **B32B 15/20** (2013.01 - EP US); **B32B 27/281** (2013.01 - EP US); **B32B 27/34** (2013.01 - EP US); **H05K 3/00** (2013.01 - US); **B32B 2255/06** (2013.01 - EP US); **B32B 2255/26** (2013.01 - EP US); **B32B 2307/54** (2013.01 - EP US); **B32B 2307/544** (2013.01 - EP US); **B32B 2307/546** (2013.01 - EP US); **B32B 2307/554** (2013.01 - EP US); **B32B 2307/558** (2013.01 - US); **B32B 2307/714** (2013.01 - EP US); **B32B 2457/00** (2013.01 - EP US)

Citation (search report)  
See references of WO 2014198684A1

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
**WO 2014198684 A1 20141218**; CN 105283313 A 20160127; EP 3007896 A1 20160420; JP 2016529130 A 20160923; US 2016114563 A1 20160428

DOCDB simple family (application)  
**EP 2014061963 W 20140610**; CN 201480033509 A 20140610; EP 14728589 A 20140610; JP 2016518962 A 20140610; US 201414897923 A 20140610